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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/828,713
	Filing Date	April 21, 2004
	First Named Inventor	Tetsuo Terashima et al.
	Art Unit	3742
	Examiner Name	Thor S. Campbell
Total Number of Pages in This Submission	Attorney Docket No.	MTS-3517US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Copy of: Information Disclosure Statement and PTO Form 1449 as previously filed and return postcard evidencing receipt
Remarks:		

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT			
Firm Name	RatnerPrestia		
Signature	<i>Daniel N. Calder</i>		
Printed Name	Daniel N. Calder		
Date	April 28, 2005	Registration No.	27,424

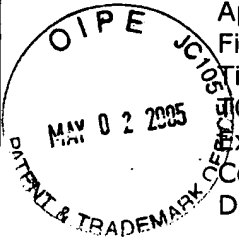
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Signature	<i>Deborah Spratt</i>		
Typed or Printed Name	Deborah Spratt	Date	April 28, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: 10/828,713
Applicants: Tetsuo Terashima, et al.
Filed: April 21, 2004
Title: HEAT ACCUMULATING METHOD AND DEVICE (as amended)
JC/A.U.: 3742
Examiner: Thor S. Campbell
Confirmation No.: 5454
Docket No.: MTS-3517US



PETITION UNDER 37 C.F.R. §1.181 FOR
CONSIDERATION OF INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants filed an Information Disclosure Statement (IDS) on April 21, 2004. A copy of the IDS, as filed and a copy of the return postcard evidencing receipt of the IDS by the PTO is enclosed. Page two of the IDS, although properly filed, has not been considered.

The Examiner is respectfully requested to consider the references on page two of the originally filed IDS and to initial and return the Form 1449 to the undersigned.

It is respectfully requested that issuance of the above-identified application be suspended until the IDS has been considered.

Respectfully submitted,

Daniel N. Calder

Daniel N. Calder, Reg. No. 27,424
Attorney for Applicants

DNC/ds

Enclosures: Information Disclosure Statement
and PTO-1449 as previously filed

Dated: April 28, 2005

P.O. Box 980
Valley Forge, PA 19482-0980
(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

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April 28, 2005

D. Spratt *D. SPRATT*

Date: April 21, 2004

Commissioner for Patents:

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FILE NO.: ~~Y~~MTS- 3517 US FEE: \$ 1118.00

NAME: Tetsuo Terashima et al.

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|---|---|
| <input checked="" type="checkbox"/> Utility Transmittal Form (1) | <input checked="" type="checkbox"/> Fee Transmittal Form (2) |
| <input checked="" type="checkbox"/> Specification (<u>85</u> pp.) | <input checked="" type="checkbox"/> Certificate of Express Mail |
| <input checked="" type="checkbox"/> <u>20</u> Sheets of Formal Drawings | <input checked="" type="checkbox"/> Preliminary Amendment (<u>9</u> pp.) |
| <input checked="" type="checkbox"/> IDS and PTO Form 1449 (<u>4</u> pp.) | <input checked="" type="checkbox"/> Copy(ies) of <u>5</u> reference(s) |
| <input checked="" type="checkbox"/> Claim To Right of Priority (1) | <input checked="" type="checkbox"/> <u>1</u> Check(s) |
| <input checked="" type="checkbox"/> <u>2</u> Certified copy of applications | |
| <input checked="" type="checkbox"/> Declaration/POA (<u>3</u> pp.) | EXECUTED |
| <input checked="" type="checkbox"/> Assignment & PTO 1595 (<u>3</u> pp.) | EXECUTED |
| <input type="checkbox"/> | |

New Patent Application

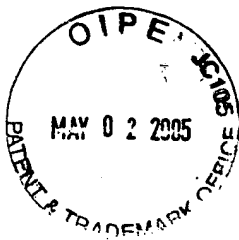
APR 28 2004

PatnerPrestia

17513 U.S. PTO
10/828713



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: To Be Assigned
Applicant: Tetsuo TERASHIMA, et al.
Filed: April 21, 2004
Title: THERMAL STORAGE APPARATUS AND THERMAL STORAGE METHOD
TC/A.U.: To Be Assigned
Examiner: To Be Assigned

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. A copy of each of the listed references is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

The following Japanese references are not in the English language:

- 1) 61-128071
- 2) Thermal Storage Technology - Theory And Application Thereof I
- 3) Thermal Storage Technology - Theory And Application Thereof II
- 4) 05-172481
- 5) 05-118593

Reference 1 is not in the English language. A "concise explanation" under 37 CFR § 1.98(a)(3) is also set forth in the specification at page 4.

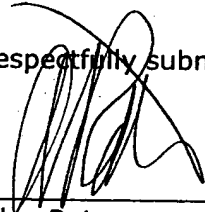
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References 2) and 3) are not in the English language. A "concise explanation" under 37 CFR § 1.98(a)(3) is also set forth in the specification at pages 1 and 2.

References 4) and 5) include English language abstracts and a "concise explanation" under 37 CFR § 1.98(a)(3) is also set forth in the specification at page 2.

This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,



Allan Ratner
Attorney for Applicants

AR/dmw

Enclosures: PTO Form 1449
(5) References
Transmittal Form

Dated: April 21, 2004

P.O. Box 980
Valley Forge, PA 19482
(610) 407-0700

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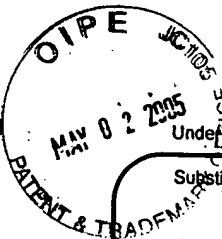
Date of Deposit:

April 21, 2004

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KATHLEEN LIBBY



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PTO/SB/08a (08-03) (AW 10/2003)

Approved for use through 7/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number To Be Assigned

Filing Date April 21, 2004

First Named Inventor Tetsuo TERASHIMA, et al.

Art Unit To Be Assigned

Examiner Name To Be Assigned

Attorney Docket No. MTS-3517US

SHEET 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		JP 61-128071 (with English Abstract)	06/16/1986			<input type="checkbox"/>
						<input type="checkbox"/>
		JP 05-172481 (with English Abstract)	07/09/1993	TECHNOL RES ASSOC SUPER HEAT PUMP ENERG ACCUM SYST		<input type="checkbox"/>
		JP 05-118593 (with English Abstract)	05/14/1993	HITACHI LTD		<input type="checkbox"/>
						<input type="checkbox"/>
Examiner Signature				Date Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

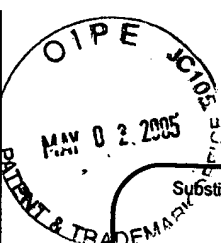
⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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(AW 08/03)

Substitute for Form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>	Complete If Known		
	Application Number		
	Filing Date		
	First Named Inventor		
	Art Unit		
	Examiner Name		
SHEET 2 of 2		Attorney Docket No.	

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Chemical Industry Council, THERMAL STORAGE TECHNOLOGY - THEORY AND APPLICATION THEREOF I, Sinzansha Sci-tech, October 10, 1996	<input type="checkbox"/>
		Chemical Industry Council, THERMAL STORAGE TECHNOLOGY - THEORY AND APPLICATION THEREOF II, Sinzansha Sci-tech, August 30, 2001	<input type="checkbox"/>
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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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